wattron effizienz als maßstab

Increased material efficiency and reliable processing of mono-materials with digital heating systems



What does watttron offer?

We develop heating systems that enable precise heating of plastic films in the packaging process and support our customers in switching to mono-materials and minimizing the use of materials.



The benchmark of efficiency

mom

GROUP

P&G

Who is watttron?

We are a **technology company** with **extensive experience** in the optimization of **processing and packaging processes**



WORLDSTAR GLOBAL PACKAGING

WARDS



80+ Professionals

> THE Sustainability Awards

Numerous awards (excerpt)



2 Locations 100 (GER/USA) v

100+ customers worldwide

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Some customers

SCHUBERT



TECHNOLOGIES

KIEFEL



Do you know these challenges?



Quality problems when processing mono-material (PP, APET)



Reduction in output when changing materials





Time-consuming retrofit due to long cool-down times of the heating systems



Uneven material distribution in the molded part



Stamp wear and associated maintenance costs

The cause: inadequate control of the heating process

watttron

The benchmark of efficiency

Previous solutions ...

Materials of greater initial thickness

- higher material costs
- longer preheating time
- lower output
- more frequent roll changes
- higher tax

Molding without plug Thin base

Use of pre-stretch plug

- uneven material distribution
- plug marks
- complex adjustment
- wear and tear

Molding with plug Thin wall area

n wall area

Longer heating times

... will not lead to the goal!

- reduction in output
- costly system conversion





What is the benefit?



Minimization of material usage

- Reduction of material costs
- More material/roll Reduction of downtime costs
- Reduction of tax burden (CO2- and plastic-tax)



Precise temperature control

- Processing of mono-materials
- Reduction of downtime costs

Reduction of energy costs



Contact

See you soon!

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